FIG. 1

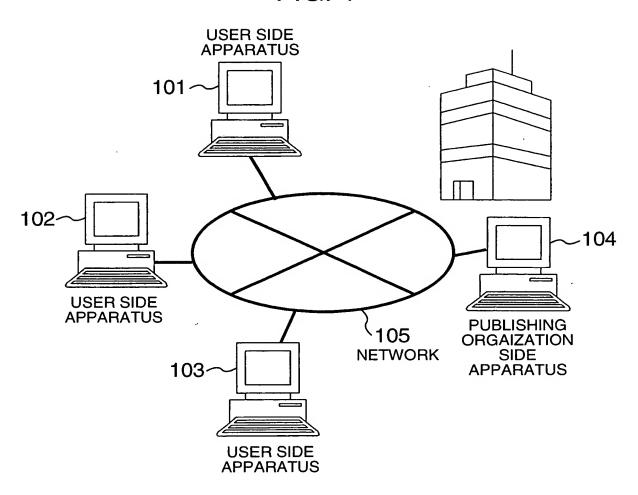
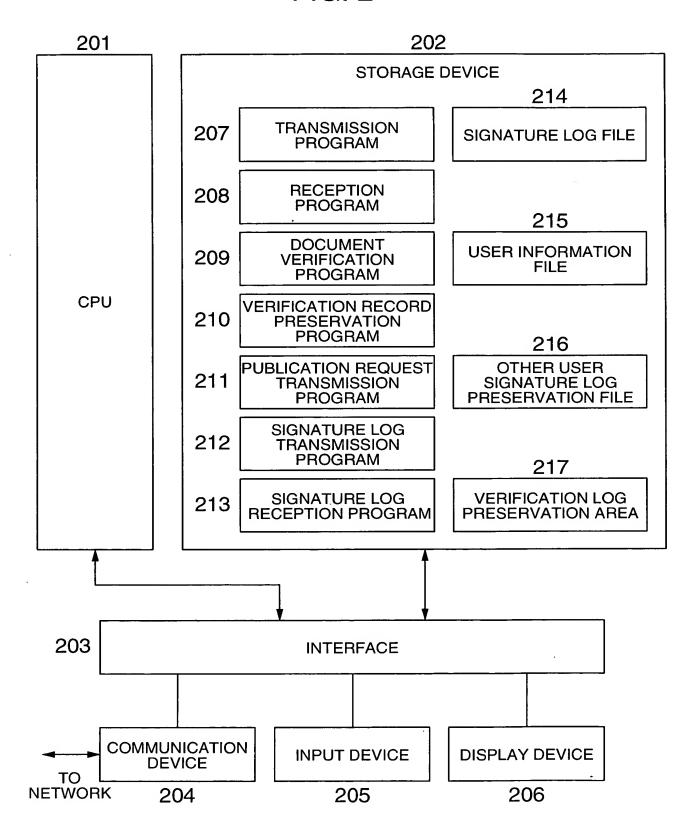
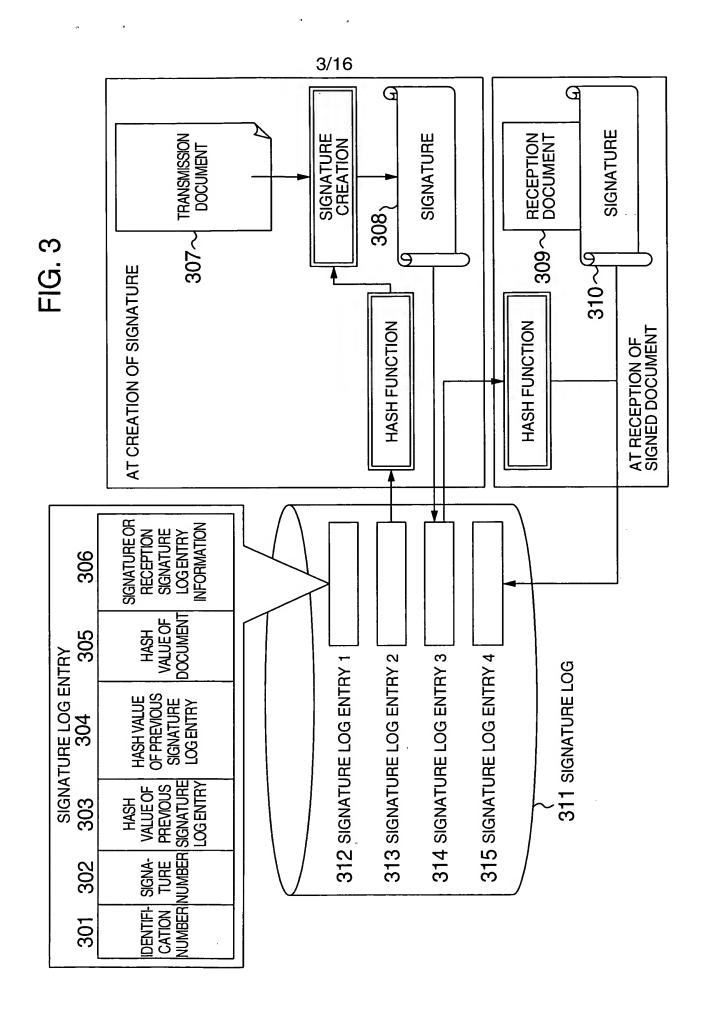
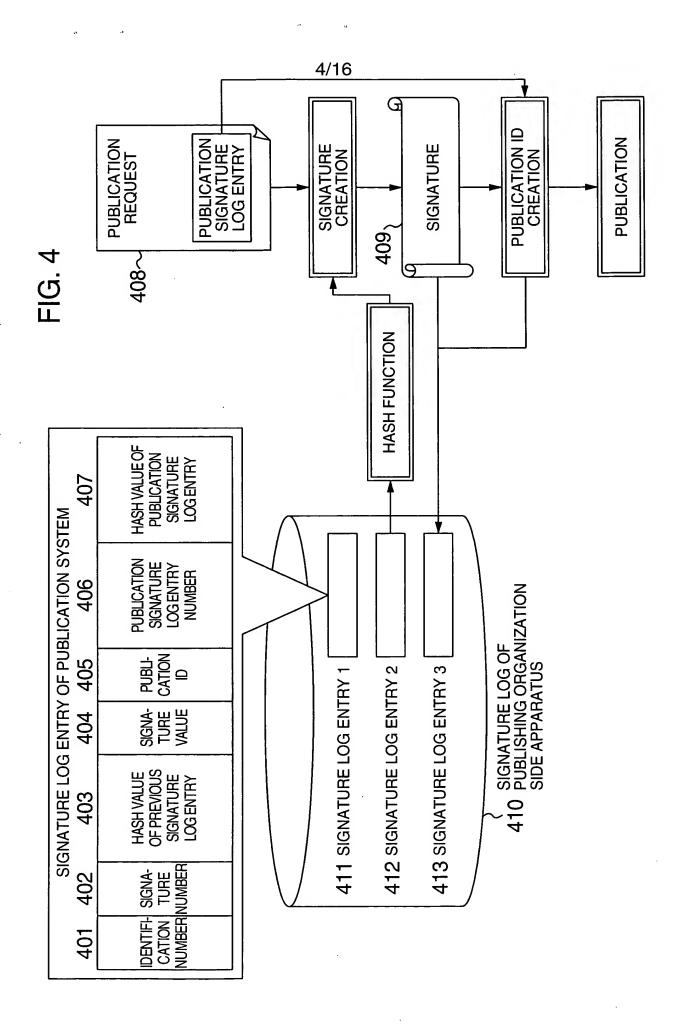
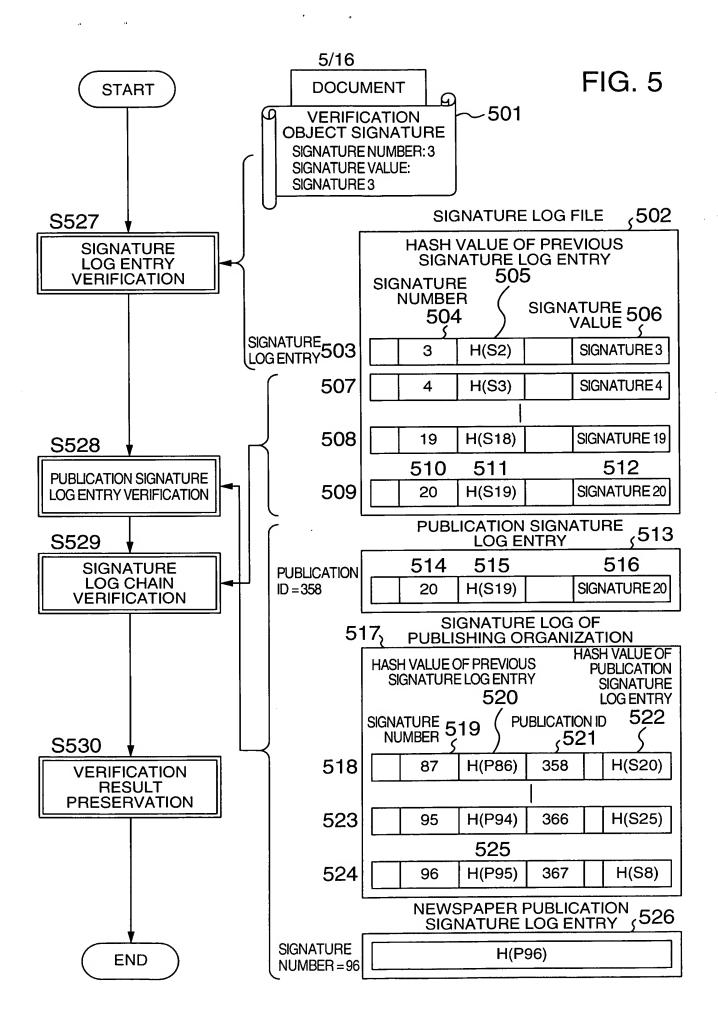


FIG. 2



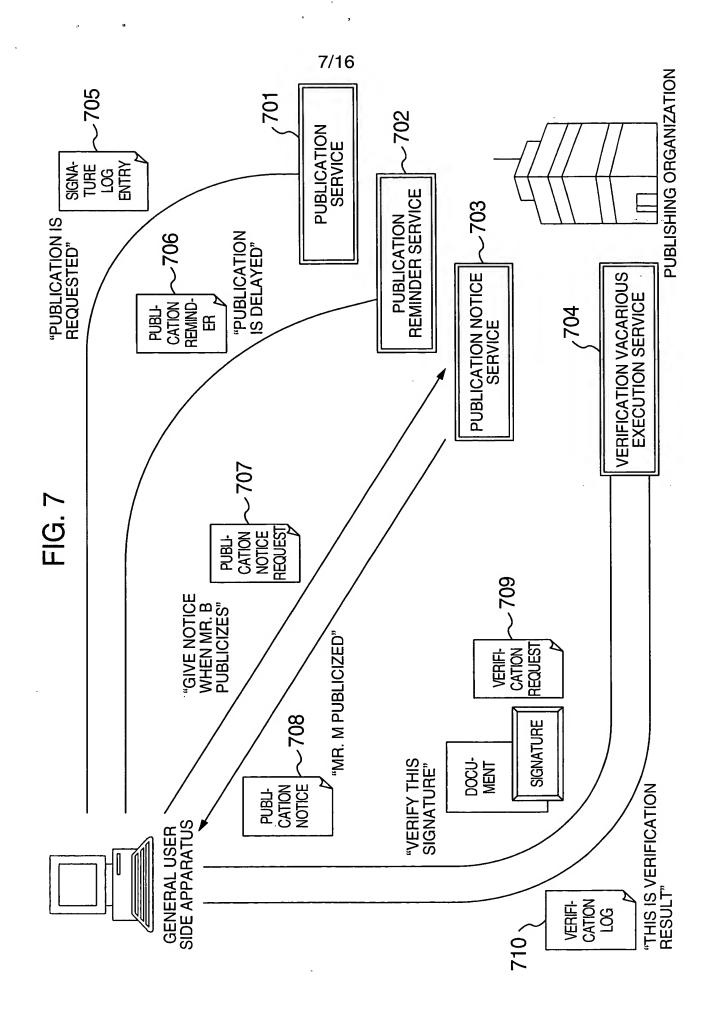






## FIG. 6

601						
	VERIFICATION LOG					
602	2   CREATION DATE : AUG. 29, 2003					
	VERIFICATION SIGNATURE:					
603	01063A78BA216574EC5F77F3315					
003 01003A76BA210374EC3F77F3315						
	SIGNATURE LOG:					
604	01063A78BA21657499002DEC5F77F3315					
605	01074D830A03B187E3FF22289BAC09121					
606	01089BBA21865740BE7F21FE339647381					
607	0109E324876529C1D36FA119503645B193					
	PUBLICATION SIGNATURE LOG ENTRY: PUBLICATION ID = 377					
608	0109E324876529C1D36FA119503645B193					
609 PUBLICATION SITE (http://www.XX						
	SIGNATURE LOG OF PUBLISHING ORGANIZATION					
610	011084FA2195859449946372900BC21543					
611	01114563B281AEE7E3FF2229DC2190031					
612	01124A849035462CD18593404093672874					
0.1	NEWSPAPER PUBLICATION SIGNATURE LOG ENTRY:					
	SIGNATURE NUMBER = 112					
613	01124A849035462CD18593404093672874					
614 MORNING PAPER OF XX NEWSPAPER SEPT. 10, 2003						
	PUBLIC KEY:					
615	C7A437BA93739102937577476483CA128					
3.3						



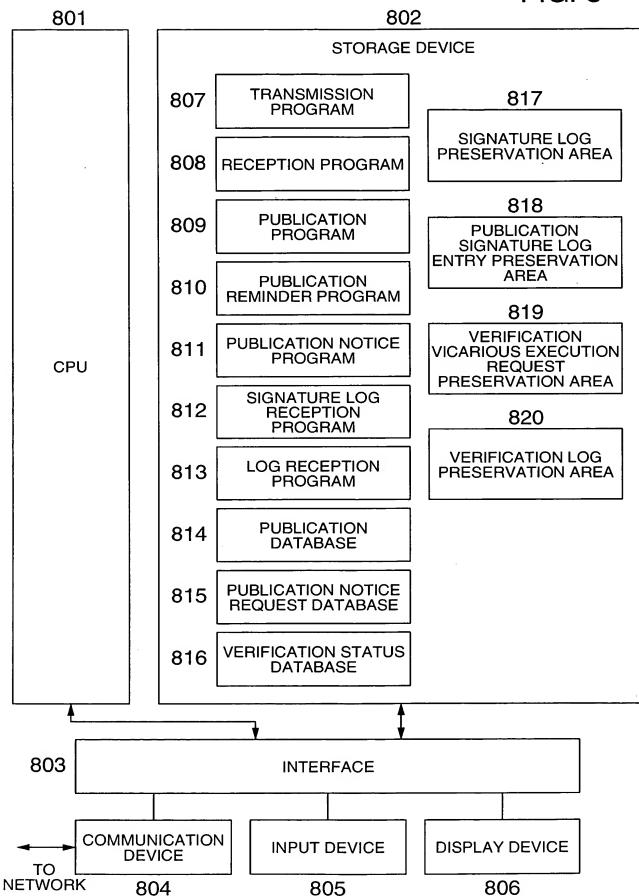


FIG. 9

## PUBLICATION PROCESSING **START PUBLICATION** S901~ DATA RECEPTION S902 **PUBLICATION PUBLICATION** INFORMATION S903 REGISTRATION CONFIRMATION OF EXISTENCE/ABSENCE OF NOTICE REQUEST S904 **DOES** Ν NOTICE REQUEST EXIST? PUBLICATION NOTICE PROCESSING S905 S906 **PUBLICATION REPORT END**

FIG. 10
1001 PUBLICATION DATABASE

		1008	1009	1010	1011	1012	1013	1014	1015
1007	REMINDER DATE	1	l	_	2003.0618	2003.0729	1	2003.0807	_
1006	PUBLICATION DATE	2003.0710	2003.0802	2003.0909	2003.1104	2003.0620	2003.0615	2003.0705	2003.0808
1005	PUBLICATION SITE	http://www.X.co.jp/							
1004	SIGNATURE NUMBER	000005	000032	000004	600000	000155	000002	000055	000106
1003	PUBLICATION ID	000125	000143	000225	000003	660000	060000	000118	000148
1002	USER NAME	USER A		USER B	USERC		USERD		

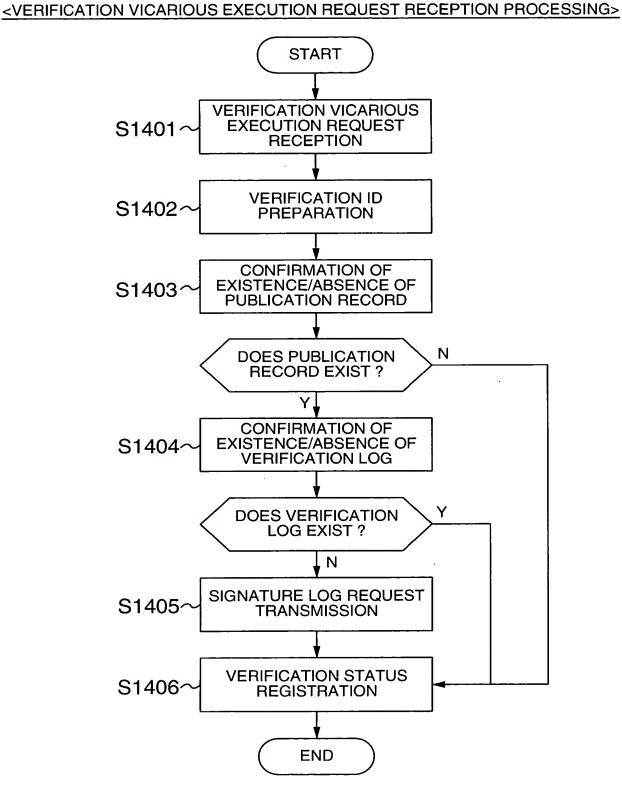
FIG. 12 FIG. 11 **PUBLICATION NOTICE PUBLICATION REMINDER PROCESSING PROCESSING** <NOTICE REQUEST RECEPTION PROCESSING> **START START OBJECT** S1101 **EXTRACTION** NOTICE REQUEST S1201 RECEPTION **REMINDER** S1102 **CREATION** NOTICE CONTENT S1202 REGISTRATION REMINDER S1103 **TRANSMISSION END** REMINDER <NOTICE TRANSMISSION S1104~ **INFORMATION** PROCESSING> REGISTRATION **START END NOTICE** REQUESTING PARTY S1203 **EXTRACTION** NOTICE S1204 **TRANSMISSION END** 

FIG. 13
1301 PUBLICATION NOTICE REQUEST DATABASE

	1302	1303	1304	1305	
	REQUESTED USERNAME	REQUESTING USER NAME (MAIL ADDRESS)	REQUEST DATE	EXISTENCE/ ABSENCE OF NOTICE	
	USER B	USER A (USER A@XX.co.jp)	2003.0710	NO	1306
***************************************	USER D	USER C (USER C@YY.co.jp)	2003.0511	2003.0522	1307
	USER F	USER E (USER E@ZZ.co.jp)	2003.0330	NO	1308

FIG. 14

VERIFICATION VICARIOUS EXECUTION SERVICE



14/16 FIG. 15 **VERIFICATION VICARIOUS EXECUTION SERVICE** <SIGNATURE VERIFICATION PROCESSING> **START VERIFICATION** STATUS S1501 CONFIRMATION **VERIFICATION FINISHED** VERIFICATION STATUS? **PUBLICATION LOG** SIGNATURE LOG **ENTRY DOES** UNDER **SIGNATURE NOT EXIST ACQUIRING** LOG **ACQUIRED CONFIRMATION OF** CONFIRMATION OF S1505 EXISTENCE/ABSENCE OF EXISTENCE/ABSENCE OF **VERIFICATION LOG** S1506 PUBLICATION RECORD Ν **DOES PUBLICATION DOES VERIFICATION** Υ LOG ENTRY EXIST? LOG EXIST? Υ. Ν **CONFIRMATION OF** S1507~ EXISTENCE/ABSENCE OF **VERIFICATION LOG** Υ **DOES VERIFICATION** LOG EXIST? . N SIGNATURE LOG **SIGNATURE** REQUEST S1502 **VERIFICATION** TRANSMISSION S1508 **VERIFICATION LOG** S1503 **ISSUANCE** 

VERIFICATION

STATUS UPDATING

**END** 

S1504

FIG. 16 1601 VERIFICATION STATUS DATABASE

		1608	1609	1610	1611
1607	VERIFICATION STATUS	SIGNATURE LOG UNDER ACQUIRING	PUBLICATION LOG ENTRY DOES NOT EXIST	SIGNATURE LOG ACQUIRED	VERIFICATION FINISHED
1606	REQUEST DATE	2003.0910	2003.0511	2003.0830	2003.0420
1605	PUBLICATION ID	000142	-	<u> </u>	000102
1604	VERIFICATION OBJECT SIGNER (MAIL ADDRESS)	USER A (USER A@XX.co.jp)	USER E@YY.co.jp)	USER F (USER F@ZZ.co.jp)	USER H (USER H@KK.co.jp)
1603	REQUESTING USER NAME (MAIL ADDRESS)	USER B (USER B@XX.co.jp)	USER C@YY.co.jp)	USER D (USER D@ZZ.co.jp)	USER G (USER G@ZZ.co.jp)
1602	VERIFICATION ID	000001	000005	000003	000004

